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PTO/SB/21 (08-00)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

| | | | |
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| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | | Application Number | 10/068,119 |
| | | Filing Date | February 6, 2002 |
| | | First Named Inventor | Feniosky Pena-Mora |
| | | Group Art Unit | Not Yet Assigned |
| | | Examiner Name | Not Yet Assigned |
| Total Number of Pages in This Submission | 6 | Attorney Docket Number | MIT-086AUS |

ENCLOSURES (check all that apply)

| | | |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">Return-receipt postcard; Letter Under 37 CFR 1.56; Replacement Form PTO-1449</div> |
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| APR 04 2002 | | |
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| In the event a petition for extension of time is required by this paper and not otherwise provided, such petition is hereby made and authorization is provided herewith to charge deposit account No. 50-0845 for the cost of such extension. | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | |
|------------------------------|---|-----------------|
| Firm or Individual name | Kermit Robinson | Reg. No. 48,734 |
| Daly, Crowley & Mofford, LLP | | |
| Signature |  | |
| Date | March 21, 2002 | |

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

Mar 21, 2002

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| Typed or printed name | Kermit Robinson | Date |
| Signature | | Mar 21, 2002 |

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COPY OF PAPERS
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Feniosky Peña-Mora, et al.

Group Art Unit: Not Yet Assigned

Appl. No. : 10/068,119

Examiner: Not Yet Assigned

Filed : February 6, 2002

Entitled : DYNAMIC PLANNING METHOD AND
SYSTEM

Docket : MIT-086AUS

Certificate of Mailing (37 C.F.R. 1.8(a))

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March 21, 2002

Date of Signature
and Mail Deposit

By: *Kermit Robinson*
Kermit Robinson
Reg. No. 48,734
Attorney for Applicant(s)

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Technology Center 2100

LETTER UNDER 37 CFR §1.56

Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

In reviewing the above-identified patent application, Applicants noticed a typographical error in the PTO Form #1449 filed on February 26, 2002. The attached PTO Form #1449 corrects the typographical error that was found in the form originally sent with the application.

Appl. No.: 10/068,119
Filed: February 6, 2002
Atty. Docket No.: MIT-086AUS

Applicants have not re-submitted copies of the references which were already submitted on February 26, 2002, since the references have not changed. If there are any questions concerning this submission, please contact the undersigned attorney.

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 500845.

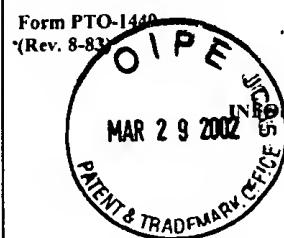
Respectfully submitted,

DALY, CROWLEY & MOFFORD, LLP

Dated: March 21, 2002

By: Kermit Robinson
Kermit Robinson
Reg. No. 48,734
Attorney for Applicant(s)
275 Turnpike Street, Suite 101
Canton, MA 02021-2310
Telephone: (781) 401-9988
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| Form PTO-1440 (Rev. 8-83) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | | | | | | ATTY. DOCKET NO. MIT-086AUS | APPLICATION NO. 10/068,119 |
| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | | | | | | | COPY OF PAPERS ORIGINALLY FILED | | |
| | | | | | | | | APPLICANT Feniosky Peña-Mora | | |
| | | | | | | | | FILING DATE February 6, 2002 | GROUP Not Yet Assigned | |

U.S. PATENT DOCUMENTS

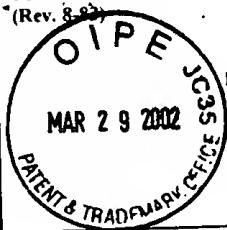
| EXAMINER INITIAL | DOCUMENT NUMBER | | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE* |
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| | 4 | 3 | 6 | 8 | 5 | 0 | 9 | 01/11/83 | Li | | | | |
| | 4 | 4 | 7 | 2 | 7 | 7 | 0 | 09/18/84 | Li | | | | |
| | 4 | 7 | 1 | 0 | 8 | 6 | 4 | 12/01/87 | Li | | | | |
| | 4 | 7 | 9 | 7 | 8 | 3 | 9 | 01/10/89 | Powell | | | | |
| | 4 | 8 | 5 | 2 | 0 | 0 | 1 | 07/25/89 | Tsushima | | | | |
| | 4 | 9 | 1 | 0 | 6 | 6 | 0 | 03/20/90 | Li | | | | |
| | 4 | 9 | 3 | 7 | 7 | 4 | 3 | 06/26/90 | Rassman et al. | | | | |
| | 5 | 0 | 1 | 6 | 1 | 7 | 0 | 05/14/91 | Pollalis et al. | | | | RECEIVED |
| | 5 | 0 | 2 | 1 | 9 | 7 | 6 | 06/04/91 | Wexelblat et al. | | | | APR 04 2002 |
| | 5 | 0 | 5 | 3 | 9 | 7 | 0 | 10/01/91 | Kurihara et al. | | | | Technology Center 2100 |
| | 5 | 0 | 5 | 7 | 9 | 9 | 2 | 10/15/91 | Traiger | | | | |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
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| | | | | | | | YES NO |
| | | WO101206A2 | 01/04/01 | PCT | | | |
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----------|--|---|
| | | Li, Michael In-Chiang, "A Robust Planning and Control Methodology for Design-Build Fast-Track Civil Engineering and Architectural Projects", February 1999, pp.1-107. |
| | | Park, Moonseo, "Robust Control of Cost Impact on Fast-Tracking Building Construction Projects," June 1999, pp.2-75. |
| | | Park, M. and Peña-Mora, F., "Dynamic Planning and Control of Construction Projects," ASCE/ICCCBE 2000 Conference I Computing in Civil and Building Engineering, Stanford, CA, ASCE Press, Redmond, VA August 2000, PP. 414-423. |
| | | Park, Moonseo et al., "Dynamic Planning and Control of Construction Projects", August 15, 2000, pp. 424-467. |
| Examiner | | Date Considered: |
| | | *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant. |

Form PTO-1449
(Rev. 8-92)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

COPY OF PAPERS
ORIGINALLY FILEDATTY. DOCKET NO.
MIT-086AUSAPPLICATION NO.
10/068,119APPLICANT
Feniosky Peña-MoraFILING DATE
February 6, 2002GROUP
Not Yet Assigned

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE* |
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| | | 5 | 1 | 4 | 8 | 3 | 6 | 5 | 09/15/92 | Dembo | | | |
| | | 5 | 2 | 2 | 9 | 9 | 4 | 8 | 07/20/93 | Wei et al. | | | |
| | | 5 | 3 | 0 | 3 | 1 | 7 | 0 | 04/12/94 | Valko | | | |
| | | 5 | 3 | 8 | 1 | 3 | 3 | 2 | 01/10/95 | Wood | | | |
| | | 5 | 4 | 1 | 4 | 8 | 4 | 3 | 05/09/95 | Nakamura et al. | | | |
| | | 5 | 5 | 2 | 4 | 0 | 7 | 7 | 06/04/96 | Faaland et al. | | | |
| | | 5 | 5 | 3 | 7 | 5 | 2 | 4 | 07/16/96 | Aprile | | | |
| | | 5 | 6 | 2 | 3 | 4 | 0 | 4 | 04/22/97 | Collins et al. | | | RECEIVED |
| | | 5 | 6 | 7 | 1 | 3 | 6 | 0 | 09/23/97 | Hambrick et al. | | | APR 04 2002 |
| | | 5 | 7 | 3 | 7 | 7 | 2 | 8 | 04/07/98 | Sisley et al. | | | Technology Center 210 |
| | | 5 | 7 | 4 | 8 | 9 | 0 | 7 | 05/05/98 | Crane | | | |

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| | | | | | | | YES | NO |
| | | | | | | | | |

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----------|--|
| | Peña-Mora, Feniosky and Park, Moonseo, "Dynamic Planning and Control Methodology for Large-Scale Infrastructure Projects," March 2001, pp. 301-347 |
| | Lee, SanHyun, "Research Progress Report The Dynamic Planning and Control Methodology in Global Construction Management," Research Progress Report, MIT, March 23. 2001. pp.1-37. |
| | Fulenwider, Margaret, "Dynamic Planning and Control for Large-Scale Infrastructure Projects: Route 3N as a Case Study," Research Progress Report, MIT, March 23, 2001, 100 pgs. |
| | Park, Moonseo. " Dynamic Planning and Control Methodology for Large-Scale Concurrent Construction Projects," April 3, 2001, pp. 348-372. |
| Examiner | Date Considered: |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.

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| Form PTO-1449 (Rev. 8-83) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | | | | | ATTY. DOCKET NO. MIT-086AUS | APPLICATION NO. 10/068,119 |
| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | | | | | | | COPY OF PAPERS ORIGINALLY FILED | |
| | | | | | | | | APPLICANT Feniosky Peña-Mora | |
| | | | | | | | | FILING DATE February 6, 2002 | GROUP Not Yet Assigned |

| U.S. PATENT DOCUMENTS | | | | | | | | | | | | | |
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| EXAMINER INITIAL | | DOCUMENT NUMBER | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE* |
| | | 5 | 7 | 6 | 1 | 6 | 7 | 4 | 06/02/98 | Ito | | | |
| | | 5 | 7 | 6 | 4 | 5 | 4 | 3 | 06/09/98 | Kennedy | | | |
| | | 5 | 7 | 6 | 5 | 1 | 3 | 9 | 06/09/98 | Bondy | | | |
| | | 5 | 7 | 6 | 7 | 8 | 4 | 8 | 06/16/98 | Matsuzaki et al. | | | |
| | | 5 | 8 | 2 | 6 | 2 | 5 | 2 | 10/20/98 | Wolters et al. | | | |
| | | 5 | 8 | 9 | 3 | 0 | 7 | 4 | 04/06/99 | Hughes et al. | | | |
| | | 5 | 9 | 0 | 7 | 4 | 9 | 0 | 05/25/99 | Oliver | | | |
| | | 5 | 9 | 1 | 8 | 2 | 1 | 9 | 06/29/99 | Isherwood | | | |
| | | 6 | 0 | 4 | 7 | 2 | 6 | 0 | 04/04/00 | Levinson | | | |
| | | 6 | 1 | 0 | 1 | 4 | 8 | 1 | 08/08/00 | Miller | | | |
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

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| | | Park, M. and Peña-Mora, F.. Reliability Buffering for Concurrent Construction," submitted for review to the ASCE Journal of Construction Engineering and Management. June 2001, pp. 284-300. |
| | | Peña-Mora, Feniosky, and Park, Moonseo, "Dynamic Planning for Fast-Tracking Building Construction Projects," ASCE Journal of Construction Engineering and Management, Vol. 127, No. 6, December 2001, pp. 1-12. |
| | | Peña-Mora, Feniosky and Dwivedi, G., "A Multiple Device Collaborative and Real Time Analysis System for Project Management in Civil Engineering." ASCE Journal of Computing in Civil Engineering. Vol. 16. No. 1, January 2002, pp. 373-401. |
| Examiner | | Date Considered: |

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